



VOLUME 68 ISSUE 11

November 2017

PPRAA Club Officers

President	<u>Rich, AD0NP</u>
Vice President	<u>Mike Anderson, WV7T</u>
Secretary	<u>VACANT</u>
Treasurer	<u>James Madsen, K3ILC</u>
Ø-Beat Editor	<u>Jerre Redding, WA0BCM</u>
Webmaster	<u>Douglas Nielsen, N7LEM</u>
Board	<u>John Bloodgood, KD0SFY</u>
Board	<u>Glenn Brodt, N3ULW</u>
Board	<u>Dan Huber, KN0MAP</u>
Board	<u>Frank Rogers, KB3PDT</u>
Board	<u>Jim Rader, KD0NQM*</u>
Board	<u>Jim Bishop, KD0KOL*</u>
Board	<u>Virgil Yost, N0XRS*</u>
Board	<u>Ray U, AA0L</u>

* In final year of 2-year term

All officers can be contacted at: boardmembers@ppraa.org

Club Historian Needed

If you can help with this position, contact a board member or club officer.

Monthly Ham Breakfast



Saturday, Dec. 2, 2017 8-9:30 AM

Black Bear Diner 975 N. Academy Blvd. 719-636-2286

All are warmly invited to come on down and join us!



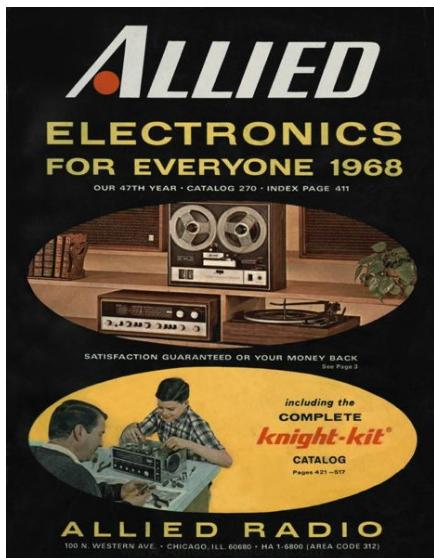
November PPRAA Club Meeting

**The Nov. 8th 7PM club meeting will be at the
IHop on Stetson Hills Blvd (just west of Powers
Blvd).**

5749 Stetson Hills Blvd.

**Catalogs are about possibilities
By Dan Romanchik, KB6NU**

When I was a kid, I used to regularly get catalogs, such as the Allied Radio and Lafayette Radio catalogs shown below, and pore over them for hours. Even if I couldn't afford to buy the latest Knight-Kit or Lafayette shortwave radio, I could imagine what it would be like. These catalogs were chock full of possibilities.



I spent many hours poring over the Allied and Lafayette catalogs as a kid. These two are from 1968, when I was 13 years old.

So, you can imagine how I felt when, last Thursday, I found both the Autumn/Winter 2017 DX Engineering catalog and the 2018-2019 Newark Electronics/element14 catalog in my mailbox.

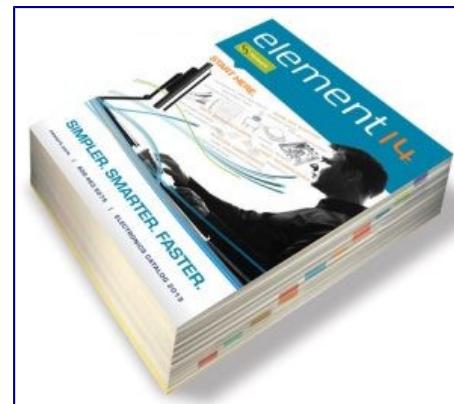
DX Engineering has really taken the amateur radio world by storm over the last ten years or so. I probably don't have to tell you about that. If you're an active amateur radio operator, I'm sure that you have heard about—and probably ordered from—DX Engineering.



I think that DX Engineering did a very smart thing by investing the money in a print catalog. There's something about browsing a print catalog that is just more satisfying than browsing online.

DX Engineering has just about everything you need to have fun with amateur radio. The one glaring omission? They still don't carry my study guides!

The [Newark/element14 2018-2019 catalog](#) is a completely different beast. Amateur radio operators are only a small part of Newark/element14's market, but one nonetheless. They have, for example, attended the Dayton Hamvention for many years.



As such, the catalog is not a "ham radio" catalog, but if you build stuff at all you'll find something of interest in its 1,799 pages. It includes nearly any kind of electronic part that you might need.

The section that might you might want to start with is the “makerspace” section. In this section, you’ll find Raspberry Pis, BeagleBones, and even micro:bits. They really have everything, though, including passive and active components, connectors, cable, and enclosures.

Like I say, these catalogs are all about possibilities. You can search each company's website and find the parts they carry quickly and easily, but that experience is just not the same as browsing a print catalog and daydreaming about what you might find there.

So, get your own copies—they're free—and page through them. I'd be surprised if you didn't run across something that you didn't know about before, and it gave you some ideas about your next amateur radio project.

Dan, KB6NU, is the author of the “No Nonsense” amateur radio license study guides and blogs about amateur radio at KB6NU.Com. When he's not picking nits about the name of our hobby, he teaches ham radio classes and operates CW on the HF bands. You can email him at cwgeek@kb6nu.com.

Upcoming Events

PPRAA Face book

<http://www.facebook.com/pages/PPRAA-Pikes-Peak-RadioAmateur-Association/185833894769325?v=wall>

Contests and Events

WA7BNM contest calendars link

<http://www.hornucopia.com/contestcal/>



TechFest - 2017

- Saturday November 11, 2017
- Lakewood Elks Lodge, 1455 Newland Street, Lakewood, CO - More info [here](#).

You shop. **Amazon gives.**

- Amazon will donate 0.5% of the price of your eligible AmazonSmile purchases to **Pikes Peak Radio Amateur Association** whenever you shop on AmazonSmile. You can select a different charitable organization after signing in.
- AmazonSmile is the same Amazon you know. Same products, same prices, same service. Support your charitable organization by starting your shopping at **smile.amazon.com**

<https://smile.amazon.com/ch/84-1476913>

PPRAA Board Meeting Minutes 9 October 2017

Present: Raleigh Holcomb, John Wishart, Jim Madsen, Mike Anderson, Glenn Brodt, Virgil Yost, Jim Rader, Jim Bishop, Frank Rogers, John Bloodgood, Dan Huber, Rich Milligan, Doug Neilsen

The meeting was called to order by President Raleigh Holcomb at 6:30 PM at the IHOP Restaurant at Powers & Stetson Hills.

Silent Keys: None.

September board mtg minutes were approved with amendments as published in the Zero Beat.

Treasurer's Report

Jim Madsen provided a treasurer's report showing \$14174.93 in our accounts as of 9 October 2017. Some discussion arose concerning the disposition of raffle proceeds into the scholarship fund vs. spending the money on raffle prizes.

Committee Reports

Zero Beat - was published, but no report from Jerre.

ARES Report - John Bloodgood reported on recent ARES-supported events including the CS Marathon on September 30. Next events will be the Thanksgiving and Christmas meals transport. Volunteers are still needed to assist with these activities.

New Business -

JOTA - this event is coming up later this month.

Club Station - cement pad will not be poured until warmer weather. Ramp repair is also needed.

Elections

Election is coming up in October. Nominees so far are:

President Rich AD0NP

Vice President Mike WV7T

Secretary Open

Board Member Ray AA0L

Nominations are still being accepted for all positions. If you are interested in any of these positions, contact a club officer or board member.

Other appointed positions are open including club historian and PIO.

VP Report - Mike noted that the program coming up Wed is on EMP. Also working on emergency preparedness training. 6m tests are not going too well. He is also reviewing the bylaws. Mike would also like the club to apply for the ARRL instructor award.

Motion made/seconded for Mike to be reimbursed \$159.99 for a plaque for Doug and printer ink. Passed.

Recommendation made to submit to a membership vote to spend up to \$3K on the 2018 Megafest raffle prizes.

Motion made/seconded to allow Raleigh to spend up to \$100 for a laser printer toner cartridge and paper for printing out license exam training materials. Passed.

Doug noted the CMRG annual meeting will be held on Oct 21 and the CCARC meeting on Oct 28.

Next PPRAA Board meeting: Monday, November 6, 2017, 6:30PM at the IHOP on Stetson Hills at Powers.

The meeting was adjourned at 7:41 PM.

Respectfully submitted,

John Wishart NGØI

PPRAA Secretary

24 October 2017



PPRAA Business Meeting Minutes

11 October 2017

The meeting was called to order at 7:01 PM by President Raleigh Holcomb at the IHOP Restaurant on Stetson Hills near Powers Blvd. Over 50 members and guests were present.

Silent Keys: Kirby Stafford W0TBJ plus another unknown ham.

The minutes for the August meeting were approved as published in the Zero Beat and on the PPRAA website.

Treasurer's Report

Jim Madsen reported that we had \$14038.21 in our accounts as of 11 October 2017.

Committee Reports

ARES Report

John Bloodgood reported that ARES supported the CS Marathon on Sept 30. Next ARES-supported event will be the distribution of Salvation Army dinners at Thanksgiving & Christmas.

JOTA

Dave AD0QD stated that this will be held on Oct 21, 9AM to 4PM. Amateur radio volunteers are needed to support this event. If you can answer the Scouts' calls from your home station, please do so.

Ham Breakfast

The next ham breakfast will be at the Western Omelet on November 4th at 9:30AM

Club Station

Work day coming up this Friday. Will try to pour concrete for the pad in front of the storage shed if the mixer is available. Will also try to repair the ramp and take inventory.

Elections

Elections were held. The following individuals were elected:

President - Rich Milligan AD0NP

VP - Mike Anderson WV7T

Secretary - Open

Treasurer - Jim Madsen K3ILC

Board Members:

Ray Uberecken AA0L

Jim Bishop KD0KQL

Jim Rader KD0NQM

Virgil Yost N0XRS

Door Prize Drawing

Received over \$110 in door prize receipts, a new high. Main prize was a Baofeng HT with RT Systems programming software.

VP Report

Mike Anderson reported tonight's program will be on Electromagnetic Pulse (EMP). He has purchased the ARRL Public Service Handbook for club use. Still working on implementing the 6m net.

Motion was made/seconded to provide up to \$3000 for the purchase of Megafest prizes. Passed.

Program

EMP presentation by Bob Sayers.

Upcoming Events

Next PPRAA board meeting: 6:30PM, Monday, November 6, 2017, at the IHOP Restaurant on Stetson Hills at Powers.

Next PPRAA regular meeting: 7PM, Wednesday, November 8, 2017. Same location as above.

The meeting was adjourned at 8:24 PM.

Respectfully submitted,
John Wishart NGØI
PPRAA Secretary
23 October 2017

How to create a Ø (slashed zero) using a Windows keyboard:

The "Ø" character (slashed zero) is commonly used in amateur radio, to distinguish the number "0" from the letter "O". "Ø" is customarily used in amateur-radio call signs and written communications. Using a Windows PC, the "Ø" is easy to create; press and hold the "ALT" key, type in "0216", and release the "ALT" key. The "Ø" will appear. This character cannot be used in URL addresses, and don't even think about substituting this for a zero in an email address -- it won't work. This and all other characters available in all installed fonts on the PC may also be copied and pasted into documents using "Character Map", an application supplied with the Windows operating system. "Character Map" refers to the "Ø" as a "Latin Capital letter O with stroke".

73

Jim Madsen K3ILC

*FCC Opens
640 and 2200
Meter bands.
Stations Must
notify UTC
before
operating.*

09/15/2017

The FCC has announced that the Office of Management and Budget has approved, for 3 years, the information-collection requirement of the Commission's March 29 *Report and Order* (*R&O*) that spelled out Amateur Radio service rules for the two new bands — 630 meters and 2200 meters. Notice of the action appears in today's edition of the *Federal Register*. Before using either band, stations must notify the Utilities Technology Council (UTC), formerly the Utilities Telecom Council, that they plan to do so, and if UTC does not respond within 30 days, they may commence operation.

Last March 27, the FCC adopted the 2012 World Radiocommunication Conference (WRC-12) implementation Report and Order (ET Docket 15-99), amending its Amateur Radio rules to — in the FCC's words — “provide for frequency-sharing requirements in the 135.7-137.8 kHz (2200-meter) and 472-479 kHz (630-meter) bands.”

Section 97.313(g)(2) of those rules requires that, prior to starting operation in either band, radio amateurs must notify UTC that they intend operate by submitting their call signs, intended band(s) of operation, and the coordinates of their antenna's fixed location. The new rules do not permit any mobile operation.

“Amateur stations will be permitted to commence operations after a 30-day period, unless UTC notifies the station that its fixed location is located within 1 kilometer of Power Line Carrier (PLC) systems operating on the same or overlapping frequencies,” the FCC said. PLC systems are unlicensed. “This notification process will ensure that amateur stations seeking to operate [on 630 or 2200 meters] are located beyond a minimum separation distance from PLC transmission lines, which will help ensure the compatibility and coexistence of amateur and PLC operations, and promote shared use of the bands.”

The FCC announced that it is making effective immediately the Part 97 rule amendments, § 97.3, 97.15(c), 97.301(b) through (d), 97.303(g), 97.305(c), and 97.313(k) and (l), which do not require OMB approval

Click [HERE](#) to access the UTC notification website.

FOUNDATION FOR AMATEUR RADIO

- [Scholarship Information & Application](#)
 - [FAR Overview](#)
 - [Contact FAR](#)

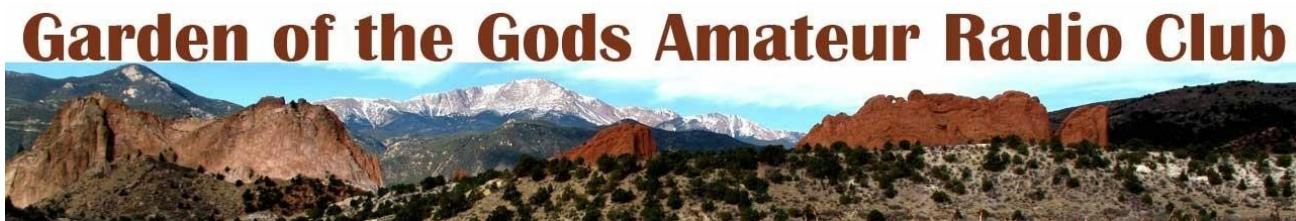
Scholarship Information & Application The Foundation for Amateur Radio, Inc. will be awarding a total of 57 scholarships, worth an aggregate of \$94,575 for the 2017/2018 academic year. Those scholarships range in value from \$500 to \$5,000 each.

Note that the QCWA and Chichester scholarships have a requirement that you obtain a recommendation from the QCWA or an ARRL affiliated club, respectively. When you apply, you are applying for all of the scholarships for which you qualify. Getting the recommendations qualifies you for an additional \$38,000 in scholarships!

A complete description of the 2017 scholarships that were awarded may be found at:

[2017 Far Scholarship List](#)

(Updated 10 Apr 2017)



**Garden of the Gods ARC
meeting**

First Monday of each month at Fargos Pizza at 11:00 AM.
All are welcome.

ARRL Incoming QSL Bureaus

www.arrl.org/incoming-qsl-service

ARRL Outgoing QSL Bureaus

www.arrl.org/outgoing-qsl-service

ARRL Affiliated Clubs- Outgoing QSL cards

ARRL affiliated-club stations may use the service when submitting club QSLs for its members in bulk ("pooling" their members cards together in one package) by indicating the club name inside the package. Club secretaries should check club affiliation on the ARRL web site to ensure that their affiliation is current. In a "pooled" package, each club member using this service **must also be an ARRL member**. Cards should be sorted "en masse" by prefix and a proof of membership should be enclosed for each ARRL member. QSLs for unaffiliated club calls may also be sent via the outgoing bureau to foreign destinations if the trustee of the club call is a member in good standing. The trustee's proof of membership must be included with the club call-QSLs.



FREE

**Ham Radio License Classes and Tutoring
Technician, General, Extra, Morse Code, Hands-on
Skills.**

Mike Anderson, WV7T
PPRAA Senior License Instructor
wv7t@aol.com 229-8610

Raleigh Holcomb, N4HYF
ARRL Registered Instructor

Free Exams!

Team,

Be sure to join us for our weekly nets Monday and Tuesday evenings!

First, Monday, at 8:30pm, on D-Star XRF223B, the PRA holds its D-Star net. There is plenty of conversations from everything digital to the latest projects and devices... from DStar / DMR / Fusion / Brandmeister / Hotspots, and even CW. This can be accessed via your local hotspot. Also, many have linked via the W0CDS 2M repeater as well. Considering our K0PRA repeater is being relocated, using the W0CDS 2M side would be best (please follow common/courteous practice when linking).

Second, at 8:00pm on Tuesday, is the PRA weekly analog net on the W0CFI 448.675 - (100Hz) repeater. This is a great way to catch up on the happenings of the PRA and is a great environment to ask any question related to the hobby or to give yourself some bragging rights on a recent license, upgrade, or new piece of equipment.

We'll see you on the air!

--

73,
KØPRA

Your Friends at the Parker Radio Association

www.facebook.com/parkerradioassociation

parkerradio.org

[@ParkerCORad io](https://@ParkerCORad.io)

From the annals of PPRAA history

November 1980:

Les Borst WDØGTA used shortest time, mileage during the 2nd transmitter hunt of the year. Other participants were WBØSDW, ADØZ, WBØLTV, K4DQ, KAØFOZ AAØL, NØAVY, WBØYOB and KØUNS. November meeting will have equipment set up for testing your transmitter. The Christmas party will be held at the Iron Springs Chateau at 6 pm. Cost will be \$12.50 per person for the dinner and show. Dancing and merriment will follow. The PPRAA received thanks for helping out with the C.M.T.R.A. (Colorado Motorcycle Trail Riders Assn) Enduro Club. The December meeting will be a home brew night. Oak KØROL received the Hammy Award in October. The Santa Net for December will be dropped due to the small number of children in the hospitals, and the lack of interest.



MARC VE EXAMS

(January, March, May, July, September, November)

The Mountain Amateur Radio Club (MARC) VE Team conducts VE exam sessions in Woodland Park every odd month at 10 am on the first Saturday in the Community Meeting Room of the Woodland Park Library, 218 East Midland Avenue. The MARC VE Team is affiliated with the ARRL/VEC and examinations for all classes of license will be offered.

Full information, including driving directions to the Woodland Park Library, is available under "VE Sessions" on the MARC website at <http://www.nx0g.org/ve.html>

or contact Wes Wilson (KØHBZ) at k0hbz@arrl.net or call (719) 687-8758.

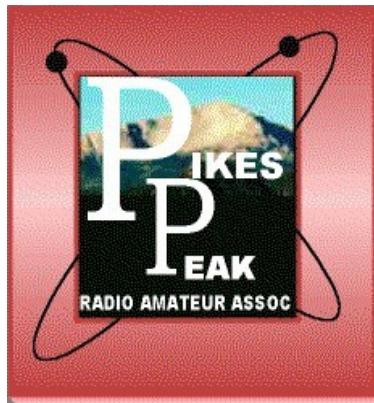
If attending, please BE SURE to bring the following items to the session:

- 1. A valid PHOTO ID**, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
- 2. Your FRN NUMBER** (now required – this includes children).
- 3. Your ORIGINAL amateur radio license** (if any) **AND a PHOTOCOPY** for the VE Team to keep.

- 4. The ORIGINAL of any relevant CSCEs you have AND a PHOTOCOPY for the VE Team to keep.**
- 5. Cash, Check or Money Order for \$15 (standard ARRL VE Fee).**
Checks and money orders should be made out to MARC and covers all the different exams you wish to take at the VE session.

MARC VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.

For already licensed hams, MARC members should be monitoring the MARC repeater system 146.820- or 448.650- (both 107.2 Hz) if you need help with talk-in. 73 Dean Buckhouse



PPRAA VE EXAMS (MONTHLY)

PPRAA VE session will be held at 9:15 am on the second Saturday of the month at Pikes Peak Library District - Library 21c, 1175 Chapel Hills Dr, Colorado Springs, CO 80920, United States. The exception is the Megafest month where testing will be at Megafest and will be at 10:00 AM

Applicants will need the following items at the session:

1.A valid PHOTO ID, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).

2.Your FRN NUMBER (now required – this includes children).

3.Your ORIGINAL amateur radio license (if any) **AND a PHOTOCOPY** for the VE Team to keep.

3. The ORIGINAL of any relevant CSCEs you have **AND a PHOTOCOPY** for the VE Team to keep.

PPRAA VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.

Dennis Major N0ABC, PPRAA VE Contact, 719-213-1109

Anyone passing their Technician Class examination at a PPRAA test session will receive a free year's membership to the Pikes Peak Radio Amateur Association.

PPRAA VE Session

Monthly on the second Saturday

Pikes Peak Library District - Library 21c, 1175 Chapel Hills Dr, Colorado Springs, CO 80920, United States

Where

[map](#)

Calendar

PPRAA

Created by

n7lem.0@gmail.com

Description

Testing will take place in the Ent Conference Center.



Study for your Amateur Radio License exam:

[Technician \(2014-2018\)](#)

[General \(2015-2019\)](#)

[Amateur Extra \(2016-2020\)](#)

[Other...](#)

HamExam.org Amateur Radio Practice Exams

Welcome, guest.

Log in using <https://hamexam.org/> or

click [register](#) to create an account.

If this is your first visit to the site, please read my brief [introduction](#).

Membership Application
Pikes Peak Radio Amateur Association, Inc.
P.O. Box 16521, Colorado Springs, Colorado 80935

Date: _____ New Membership Renewal

Name: _____
—

E-mail address: _____

Address: _____
—

City: _____ State: _____ Zip: _____

Call: _____ License Class: _____ Telephone: _____

Are you an ARRL member? Yes No

Additional Name: _____ Call _____ Class _____ ARRL member? Yes No

Additional Name: _____ Call _____ Class _____ ARRL member? Yes No

Additional Name: _____ Call _____ Class _____ ARRL member? Yes No

<p><input type="checkbox"/> Full Member - \$15.00 <input type="checkbox"/> Full Member over 65 - \$10.00 <input type="checkbox"/> Free - VE Signature Required:</p>	<p><input type="checkbox"/> Family Membership (same address) - \$18.00 <input type="checkbox"/> Family Membership (both over 65) - \$12.00</p>
---	--